



Linda S. Adams  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Maureen F. Gorsen, Director  
8800 Cal Center Drive  
Sacramento, California 95826-3200



Arnold Schwarzenegger  
Governor

July 26, 2006

Mr. Mike Zabaneh  
Regional BRAC Coordinator  
Air Force Real Property Agency/DD Castle  
3411 Olson Drive, Room 105  
McClellan, California 95652

### FINAL CLOSURE REPORT FOR SITE ETC-8, CASTLE AIRPORT, MERCED COUNTY

Dear Mr. Zabaneh:

The Department of Toxic Substances Control (DTSC) has reviewed the "*Final Closure Report for Site ETC-8*," dated April 2006. The Closure Report was prepared on behalf of the Air Force by Jacobs, Incorporated.

The Closure Report summarizes a series of investigations and remedial actions conducted at Site ETC-8 (ETC-8). A total of 7,694 cubic yards of contaminated soil has been removed and disposed of off site. The remedial actions removed soil that was contaminated with polynuclear aromatic hydrocarbons (PAHs). The remedial actions were conducted in 2000 and 2005. The site is approximately six acres. The remedy and the clean-up goal for ETC-8 were selected in the Source Control Operable Unit (SCOU) Record of Decision (ROD), Part 3.

Confirmation soil sampling indicates that while most of the site has reached the soil Remedial Action Objectives (RAOs), established in the SCOU ROD Part 3, an area of 1.53 acres still contains residual levels of the contaminant of concern benzo(a)pyrene at levels above its RAOs. A post remedial action human health risk assessment was conducted at the site to determine whether additional remedial measures would be necessary. The risk assessment evaluated the potential risk for the maximum detection of benzo(a)pyrene, 1200 ppb, which was confirmed by a laboratory. The results of that risk assessment indicated the adult residential cancer risk is  $2 \times 10^{-5}$ .

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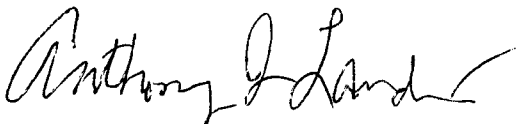
According to the Closure Report, the highest levels of benzo(a)pyrene were found underneath or adjacent to the asphalt road at approximately one foot in depth. Asphalt is known to contain high levels of PAHs. Because of the potential contribution of PAHs from the asphalt road and that the risk for the maximum concentration is within the overall risk range, DTSC concurs with the Air Force's site specific risk management decision that all remedial actions have been completed and no further action is required at site ETC-8.

Please note that should this property be considered for proposed acquisition and/or construction of school properties utilizing state funding, a separate environmental review process in compliance with California Education Code 12710 et seq. will need to be conducted and approved by DTSC.

DTSC reserves the right to address any appropriate environmental or human health related issues, should additional information concerning the environmental condition of subject property become available in the future.

If you have any questions or comments, please contact Ms. Carolyn Tatoian Cain, of my staff, at (916) 255-3771.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony J. Landis", with a stylized flourish at the end.

Anthony J. Landis, P.E.  
Chief  
Northern California Operations  
Office of Military Facilities

cc: See attached distribution list.